

Power Cost Memorandum Fuel Cost Update

Date: **December 15, 2022**

Utility Name (Cert. No.) Atmautluak Joint Utilities (337)	Utility File No. PC13-0518Q	Date Filed: November 28, 2022
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PCE AMOUNT SUMMARY	Previously Approved PC13-0518P	Staff Recommended Amount(s) and Effective Date PC13-0518Q
Class Rate	<u>Date Approved:</u> July 16, 2022	December 16, 2022
All	\$0.4642	\$0.4642
<input type="checkbox"/> Interim <input checked="" type="checkbox"/> Permanent <input type="checkbox"/> Interim <input checked="" type="checkbox"/> Permanent		

Prior Fuel Purchase Price: \$ 7.3221	New Fuel Purchase Price: \$ 5.3642
<input type="checkbox"/> Actual <input checked="" type="checkbox"/> Weighted	<input type="checkbox"/> Actual <input checked="" type="checkbox"/> Weighted
Delivery Charge: _____	Surcharge Change: Previous _____ Updated _____

Weighted Average Fuel Price/Gal. Calculation					
	Gallons		Price		
On-hand before deliv.	32,000	X	7.3221	=	234,307.20
Delivered	73,347	X	4.5100	=	330,794.97
	<u>105,347</u>				<u>\$ 565,102.17</u>
					Weighted Average \$ 5.3642

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Signed: *Brenda Cox*
Brenda Cox

Utility Financial Analyst

Commission decision re. this recommendation :

	Date (if different from 12/15/22)	I CONCUR	I DO NOT CONCUR	I WILL WRITE A DISSENTING STATEMENT *
Kurber		<i>KK</i>		
Doyle		<i>BD</i> BD		
Pickett		<i>BP</i> BP		
Sullivan		<i>DS</i> DS		
Wilson		<i>WJ</i> WJ		

Special Instructions to Staff:

* If this column is initialed, Staff will contact the Commissioner for the statement, otherwise, dissent will simply be noted at the close of the By Direction Letter or Order.

ATMAUTLUAK JOINT UTILITIES

POWER COST EQUALIZATION CALCULATION
FOR TEST PERIOD ENDING DECEMBER 31, 2017
Fuel Cost Update

APPENDIX 1

	PC13-0518P	PC13-0518Q
	Prior Commission Approval	Utility Request Staff Recommended
A. Total kWh Generated	560,928	560,928
B. Total kWh Sold (Appendix 2)	476,269	476,269
C. Total Non-Fuel Costs	149,171	149,171
D. Non-Fuel Cost/kWh (C / B)	\$0.3132	\$0.3132
E. Total Fuel Costs (Appendix 2)	337,446	247,215
F. Fuel Costs/kWh (E / B)	\$0.7085	\$0.5191
G. Eligible Costs/kWh (D + F)	\$1.0217	\$0.8323
H. Eligible Cost/kWh (G) less base rate in effect	\$0.8259	\$0.6365
I. Lesser of (H) or 79.97 cents/kWh	\$0.8042	\$0.6365
J. Average Class Rates (Appendix 3)		
All	\$0.4642	\$0.4642
Class Power Cost Equalization Per kWh Payable		
K. Lesser of: (I) x 95% or (J)	\$0.4642	\$0.4642
All		
L. Funding Level in Effect	100%	100%
All	\$0.4642	\$0.4642

PC13-0518Q
Appendix 1

ATMAUTLUAK JOINT UTILITIES

APPENDIX 2

SCHEDULE OF ELIGIBLE POWER COSTS, SALES, AND EFFICIENCY
FOR TEST PERIOD ENDING DECEMBER 31, 2017

Fuel Cost Update

		PC13-0518P	PC13-0518Q	
		Prior Commission Approval	Per Utility	Per Staff
Non-Fuel Costs:				
A.	Personnel Costs	107,361	107,361	107,361
B.	Operating Expenses	8,352	8,352	8,352
C.	General & Administrative	25,925	25,925	25,925
D.	Depreciation	6,585	6,585	6,585
E.	Interest Expense	948	948	948
F.	Other (Describe)	0	0	0
G.	Total Non-Fuel Costs	\$149,171	\$149,171	\$149,171
Fuel Costs:				
H.	Gallons Consumed for Electric Generation	46,086	46,086	46,086
I.	Price of Fuel:(per gal) Weighted Average	\$7.3221	\$5.3642	\$5.3642
J.	Total Fuel Costs	\$337,446	\$247,215	\$247,215
K.	kWh Generated	560,928	560,928	560,928
L.	kWh Sales	476,269	476,269	476,269
M.	kWh Station Service	40,187	40,187	40,187
N.	Efficiency (K/H)	12.17	12.17	12.17
O.	Line Loss	7.93%	7.93%	7.93%
(kWh Generated - (kWh Sold + Station Service))/kWh Generated				

Standard

≥ 9.0

≤ 12%

PC13-0518Q
Appendix 2

CALCULATION OF AVERAGE CLASS RATE PER kWh

Rate Schedule: **Residential**

(1) Block (by kWh)	(2) Rate (\$/kWh)	(3) Surcharge (\$/kWh)	(4) Total (\$/kWh) (2+3)	(5) Total \$ (1x4)	(6) Avg. (\$/kWh) (5)/(1)	(7) Avg. Rate (\$/kWh) - \$ 0.1958
0 to 750	0.6600		0.6600	495.0000	0.6600	0.4642
751 to						
to						
to						
Max 750			Total			0.4642

Rate Schedule: **Village**

(1) Block (by kWh)	(2) Rate (\$/kWh)	(3) Surcharge (\$/kWh)	(4) Total (\$/kWh) (2+3)	(5) Total \$ (1x4)	(6) Avg. (\$/kWh) (5)/(1)	(7) Avg. Rate (\$/kWh) - \$ 0.1958
0 to 750	0.6600		0.6600	495.0000	0.6600	0.4642
751 to						
to						
to						
Max 750			Total			0.4642

Rate Schedule:

(1) Block (by kWh)	(2) Rate (\$/kWh)	(3) Surcharge (\$/kWh)	(4) Total (\$/kWh) (2+3)	(5) Total \$ (1x4)	(6) Avg. (\$/kWh) (5)/(1)	(7) Avg. Rate (\$/kWh) - \$ 0.1958
0 to						
to						
to						
to						
Max 500			Total			

Rate Schedule:

(1) Block (by kWh)	(2) Rate (\$/kWh)	(3) Surcharge (\$/kWh)	(4) Total (\$/kWh) (2+3)	(5) Total \$ (1x4)	(6) Avg. (\$/kWh) (5)/(1)	(7) Avg. Rate (\$/kWh) - \$ 0.1958
0 to						
to						
to						
to						
Max 500			Total			

ATMAUTLUAK JOINT UTILITIES

	Delivery Date	Gallons	Price Per Gallon	Delivery/ Mark-Up Per Gallon	Total Cost
Beginning Fuel Inventory		32,000			
Last Approved Fuel Cost/Gal.			\$ 7.3221		
Beginning Fuel Inventory in Gallons	X	Last Approved Fuel Cost/Gal.	=	Beginning Fuel Inventory Cost	\$ 234,307.20
Reporting Period Purchases	05/09/22	2,500	5.2000		13,000
	05/25/22	1,500	5.2000		7,800
	10/09/22	33,000	4.6879		154,701
	10/09/22	6,347	6.0305		38,276
	05/29/22	30,000	3.9005		117,015
					-
					-
					-
					-
					-
					-
					-
Totals for Reporting Period Purchases on this sheet:		73,347			330,792
Grand Totals (beginning inventory plus purchase:		105,347			\$ 565,099
Total Cost for Reporting Period divided by Total Gallons for Reporting Period =					\$ 4.5100
Grand Total Cost divided by Grand Total Gallons =					\$ 5.3642

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